

09/377045

NOTICE OF DRAFTSPERSON'S
PATENT DRAWING REVIEWThe drawing(s) filed (insert date) 8/19/99 are:

- A. ☐ approved by the Draftsperson under 37 CFR 1.84 or 1.152.
 B. ☒ objected to by the Draftsperson under 37 CFR 1.84 or 1.152 for the reasons indicated below. The Examiner will require submission of new, corrected drawings when necessary. Corrected drawing must be submitted according to the instructions on the back of this notice.

<p>1. DRAWINGS. 37 CFR 1.84(a): Acceptable categories of drawings: Black ink. Color. Color drawings are not acceptable until petition is granted. Fig(s) _____ Pencil and non black ink not permitted. Fig(s) _____</p> <p>2. PHOTOGRAPHS. 37 CFR 1.84 (b) 1 full-tone set is required. Fig(s) _____ Photographs not properly mounted (must use bristol board or photographic double-weight paper). Fig(s) _____ Poor quality (half-tone). Fig(s) _____</p> <p>3. TYPE OF PAPER. 37 CFR 1.84(e) Paper not flexible, strong, white, and durable. Fig(s) _____ Erasures, alterations, overwritings, interlineations, folds, copy machine marks not accepted. Fig(s) _____ Mylar, velum paper is not acceptable (too thin). Fig(s) _____</p> <p>4. SIZE OF PAPER. 37 CFR 1.84(f): Acceptable sizes: 21.0 cm by 29.7 cm (DIN size A4) 21.6 cm by 27.9 cm (8 1/2 x 11 inches) All drawing sheets not the same size. Sheet(s) _____ Drawings sheets not an acceptable size. Fig(s) _____</p> <p>5. MARGINS. 37 CFR 1.84(g): Acceptable margins: Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: A4 Size Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: 8 1/2 x 11 Margins not acceptable. Fig(s) <u>1, 2</u> Top (T) <u>8</u> Left (L) <u>8</u> Right (R) <u>8</u> Bottom (B) <u>8</u></p> <p>6. VIEWS. 37 CFR 1.84(h) REMINDER: Specification may require revision to correspond to drawing changes. Partial views. 37 CFR 1.84(h)(2) Brackets needed to show figure as one entity. Fig(s) _____ Views not labeled separately or properly. Fig(s) _____ Enlarged view not labeled separately or properly. Fig(s) _____</p> <p>7. SECTIONAL VIEWS. 37 CFR 1.84 (h)(3) Hatching not indicated for sectional portions of an object. Fig(s) _____ Sectional designation should be noted with Arabic or Roman numbers. Fig(s) _____</p>	<p>8. ARRANGEMENT OF VIEWS. 37 CFR 1.84(i) Words do not appear on a horizontal, left-to-right fashion when page is either upright or turned so that the top becomes the right side, except for graphs. Fig(s) _____</p> <p>9. SCALE. 37 CFR 1.84(k) Scale not large enough to show mechanism without crowding when drawing is reduced in size to two-thirds in reproduction. Fig(s) _____</p> <p>10. CHARACTER OF LINES, NUMBERS, & LETTERS. 37 CFR 1.84(i) Lines, numbers & letters not uniformly thick and well defined, clean, durable, and black (poor line quality). Fig(s) <u>1-3</u></p> <p>11. SHADING. 37 CFR 1.84(m) Solid black areas pale. Fig(s) _____ Solid black shading not permitted. Fig(s) _____ Shade lines; pale, rough and blurred. Fig(s) _____</p> <p>12. NUMBERS, LETTERS, & REFERENCE CHARACTERS. 37 CFR 1.84(p) Numbers and reference characters not plain and legible. Fig(s) <u>1-3</u> Figure legends are poor. Fig(s) _____ Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(1) Fig(s) _____ English alphabet not used. 37 CFR 1.84(p)(2) Fig(s) _____ Numbers, letters and reference characters must be at least .32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3) Fig(s) _____</p> <p>13. LEAD LINES. 37 CFR 1.84(q) Lead lines cross each other. Fig(s) _____ Lead lines missing. Fig(s) _____</p> <p>14. NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.84(i) Sheets not numbered consecutively, and in Arabic numerals beginning with number 1. Sheet(s) _____</p> <p>15. NUMBERING OF VIEWS. 37 CFR 1.84(u) Views not numbered consecutively, and in Arabic numerals, beginning with number 1. Fig(s) _____</p> <p>16. CORRECTIONS. 37 CFR 1.84(w) Corrections not made from prior PTO-948 dated _____</p> <p>17. DESIGN DRAWINGS. 37 CFR 1.152 Surface shading shown not appropriate. Fig(s) _____ Solid black shading not used for color contrast. Fig(s) _____</p>
COMMENTS	

REVIEWER

T. Leopen

DATE

9/24/99

TELEPHONE NO.

703 305 8335

ATTACHMENT TO PAPER NO.

1

U.S. DEPARTMENT OF COMMERCE - Patent and Trademark Office
Application No. 01/53345
**NOTICE OF DRAFTSPERSON'S
INFORMATION ON HOW TO EFFECT DRAWING CHANGES**

1. Correction of Informalities--37 CFR 1.85

The drawing(s) filed (insert date) _____
A. ☐ approved by the Draftsperson under 37 CFR 1.84 or 1.125
B. ☒ objected to by the Draftsperson under 37 CFR 1.84 or 1.125 for the reasons indicated below. The Examiner will require
the new drawings with the changes incorporated therein. The application number or the title of the invention,
inventor's name, docket number (if any), and the name and telephone number of a person to call if the Office
is unable to match the drawings to the proper application, should be placed on the back of each sheet of
drawings in accordance with 37 CFR 1.84(c). Applicant may delay filing of the new drawings until receipt of
the Notice of Allowability (PTOL-37). Extensions of time may be obtained under the provisions of 37 CFR
1.136. The drawing should be filed as a separate paper with a transmittal letter addressed to the Drawing
Processing Branch.

2. Timing for Corrections

Applicant is required to submit acceptable corrected drawings within the three-month shortened statutory
period set in the Notice of Allowability (PTOL-37). If a correction is determined to be unacceptable by the
Office, applicant must arrange to have acceptable corrections resubmitted within the original three-month
period to avoid the necessity of obtaining an extension of time and paying the extension fee. Therefore,
applicant should file corrected drawings as soon as possible.

Failure to take corrective action within set (or extended) period will result in **ABANDONMENT** of the
Application.

3. Corrections other than Informalities Noted by the Drawing Review Branch on the Form PTO-948

All changes to the drawings, other than informalities noted by the Drawing Review Branch, **MUST** be approved
by the examiner before the application will be allowed. No changes will be permitted to be made, other than
correction of informalities, unless the examiner has approved the proposed changes.

13. LEAD LINES: 37 CFR 1.84(d)
Lead lines cross each other. Fig(s) _____
Lead lines missing. Fig(s) _____
14. NUMBERING OF SHEETS OF DRAWINGS: 37 CFR 1.84(i)
Sheets not numbered consecutively, and in Arabic numerals
beginning with number 1. Sheet(s) _____
15. NUMBERING OF VIEWS: 37 CFR 1.84(j)
Views not numbered consecutively, and in Arabic numerals
beginning with number 1. Fig(s) _____
16. CORRECTIONS: 37 CFR 1.84(w)
Corrections not made from prior PTO-948
dated _____
17. DESIGN DRAWINGS: 37 CFR 1.125
Solid black shading used for color contrast. Fig(s) _____
Solid black shading used for color contrast. Fig(s) _____
Sectional designation should be used with views of _____
Fig(s) _____
Hatching not indicated for sectional portions of an object. _____
Fig(s) _____
SECTIONAL VIEWS: 37 CFR 1.84(b)(3)
Enlarged view not labeled separately or properly. _____
Fig(s) _____
View not labeled separately or properly. _____
Fig(s) _____
Brackets needed to show figure as one entity. _____
Fig(s) _____
Partial views: 37 CFR 1.84(h)(2)
correspond to drawing changes. _____
REMARKS: Specification may require revision to _____
Views: 37 CFR 1.84(i)
Right (R) _____
Top (T) _____
Margins not acceptable. Fig(s) _____
SIZE: A4 Size
Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm
MARGINS: 37 CFR 1.84(g) Acceptable margins
Drawing size and area acceptable. Fig(s) _____
Sheet(s) _____
SIZE OF PAPER: 37 CFR 1.84(f) Acceptable size
21.0 cm by 29.7 cm (A4 size A4)
21.0 cm by 29.7 cm (A4 size A4)

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